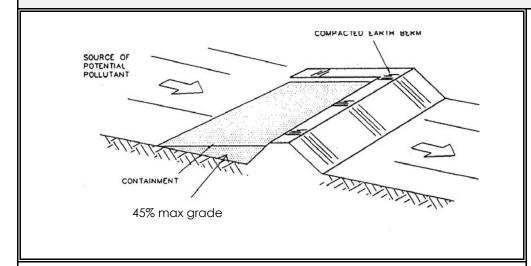
BMP: Earth Berm Barrier



DESCRIPTION:

A temporary containment control constructed of compacted soil.

APPLICATION:

- Construct around waste and materials storage area.
- Construct around staging and maintenance areas.
- Construct around vehicle parking and servicing areas.

INSTALLATION/APPLICATION CRITERIA:

- Construct an earthen berm down hill of the area to be controlled. The berm should surround fueling facilities and maintenance areas on three sides to provide containment.
- Berm needs to be a minimum of 1 foot tall by 1 foot wide and be compacted by earth moving equipment.

LIMITATIONS:

- Not effective on steep slopes.
- Limits access to controlled area.
- Personnel need to quickly respond to spills with remedial actions.

MAINTENANCE:

- Observe daily for any non-storm water discharge.
- Look for runoff bypassing ends of berms or undercutting berms.
- Repair or replace damaged areas of the berm and remove accumulated sediment.
- Recompact soil around berm as necessary to prevent piping.

OBJECTIVES

- □ Housekeeping Practices
- ☑ Contain Waste
- ☐ Minimize Disturbed Areas
- □ Stabilize Disturbed Areas
- □ Protect Slopes/Channels
- ☑ Control Site Perimeter
- □ Control Internal Erosion



ADPATED FROM SALT LAKE COUNTY BMP FACTSHEET

TARGETED POLLUTANTS

- Sediment
- □ Nutrients
- Toxic Materials
- □ Oil & Grease
- Floatable Materials
- □ Other Construction Waste
- High Impact
- □ Low or Unknown Impact

IMPLEMENTATION REQUIREMENTS

- □ Capital Costs
- □ O&M Costs
- Maintenance
- Training
- High 🛛 Medium
- □ Low